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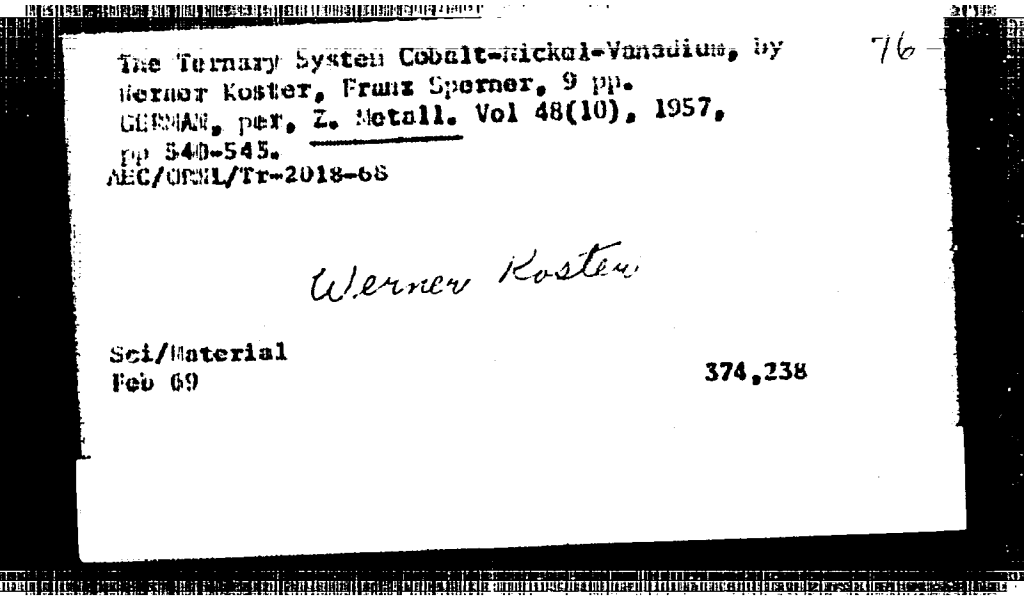

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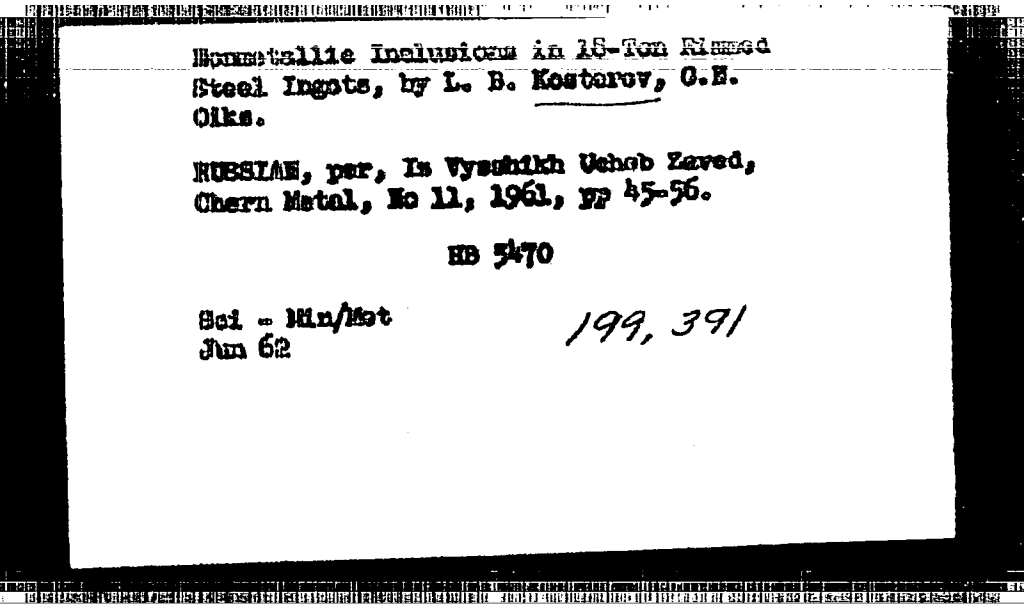

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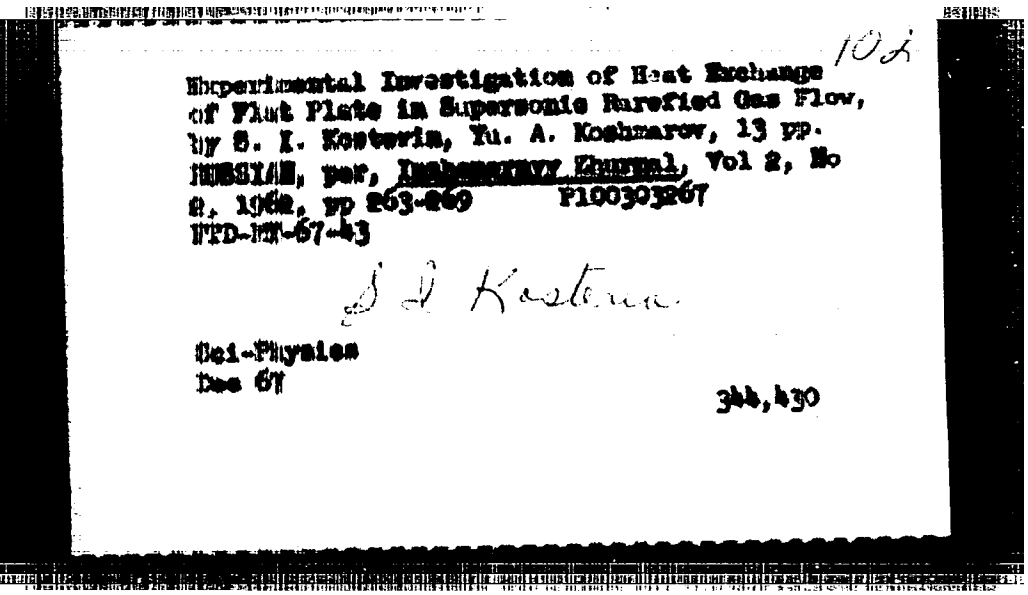

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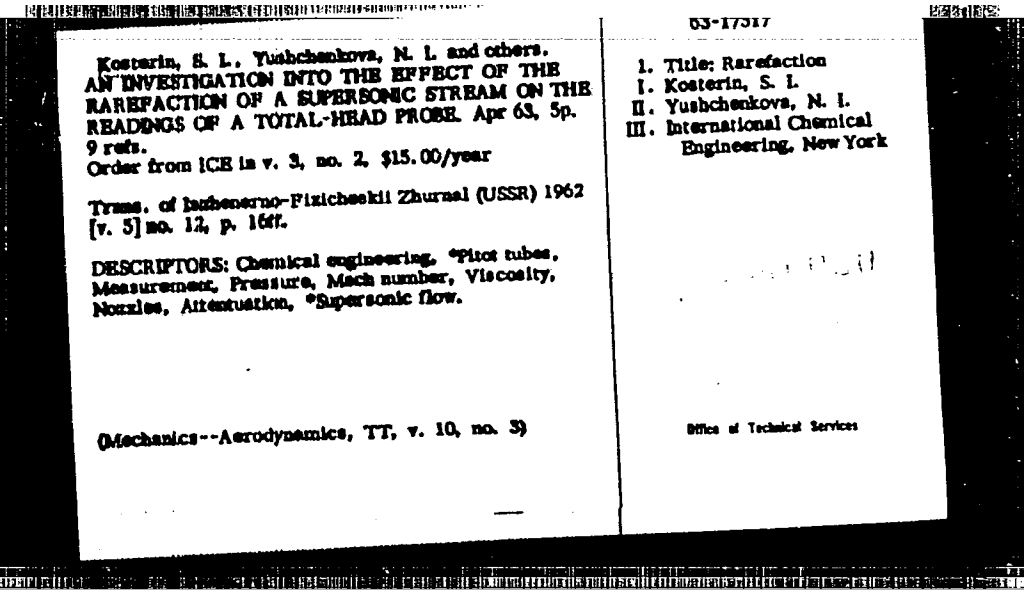

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AN INVESTIGATION INTO THE EFFECT OF THE RAREFACTION OF A SUPERSONIC STREAM ON THE READINGS OF A TOTAL-HEAD PROBE. Apr 63, 5p. 9 refs.
Order from ICE in v. 3, no. 2, $15.00/year

Trans. of Inzhenerno-Fizicheskii Zhurnal (USSR) 1962 [v. 5] no. 12, p. 16ff.

DESCRIPTORS: Chemical engineering, *Pitot tubes, Measurement, Pressure, Mach number, Viscosity, Nozzles, Attenuation, *Supersonic flow.

(Mechanics--Aerodynamics, TT, v. 10, no. 3)

63-17317

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63-18172

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Order from OTS or SLA $1.60 63-18172

Trans. of Inzhenerno-Fizicheskii Zhurnal (USSR) 1962 [v. 5] no. 12, p. 16-22.
Another trans. is available from ICE in v. 3, no. 2, $15.00/year.

DESCRIPTORS: *Pitot tubes, Measurement, Pressure, Mach number, Viscosity, Nozzles, Attentuation, *Supersonic flow, Superaerodynamics.

The results of the investigation of the influence of a supersonic rarefied flow on the value of impact pressure, measured by a thin-walled impact pressure probe with a small outer angle of taper, for a transi- (Mechanics--Aerodynamics, TT, v. 10, no. 10) (over)

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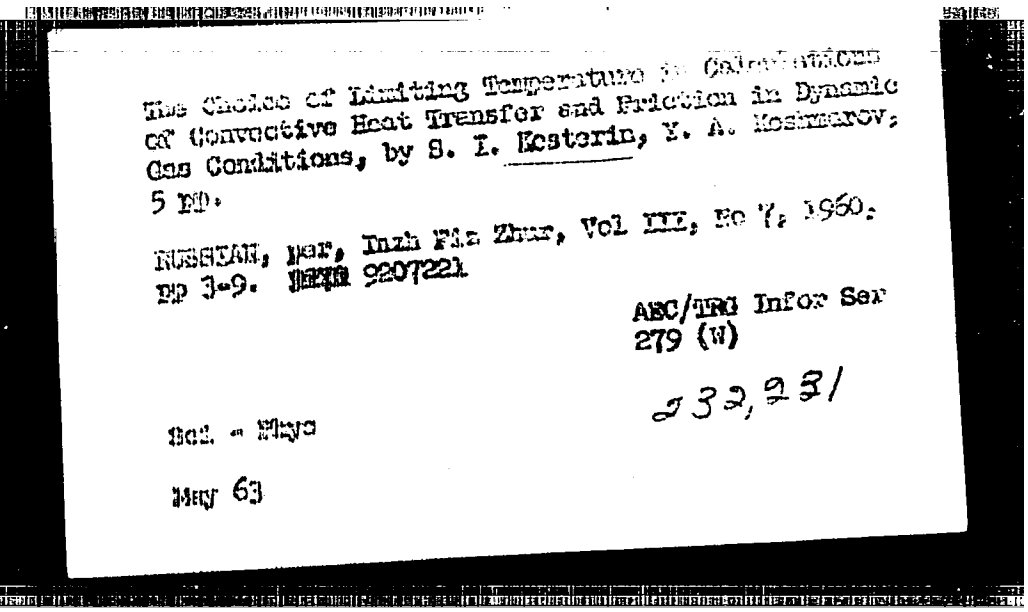

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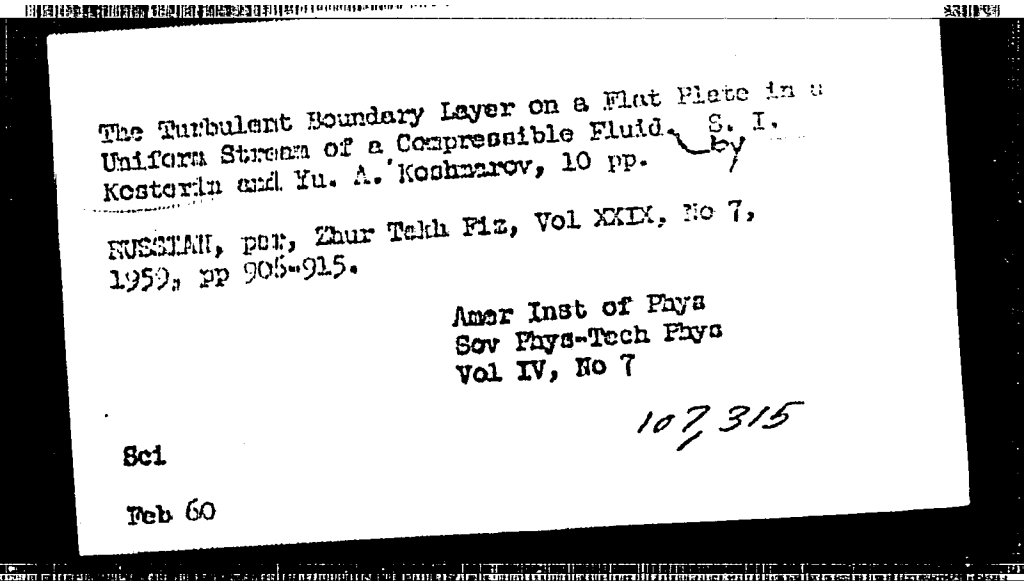

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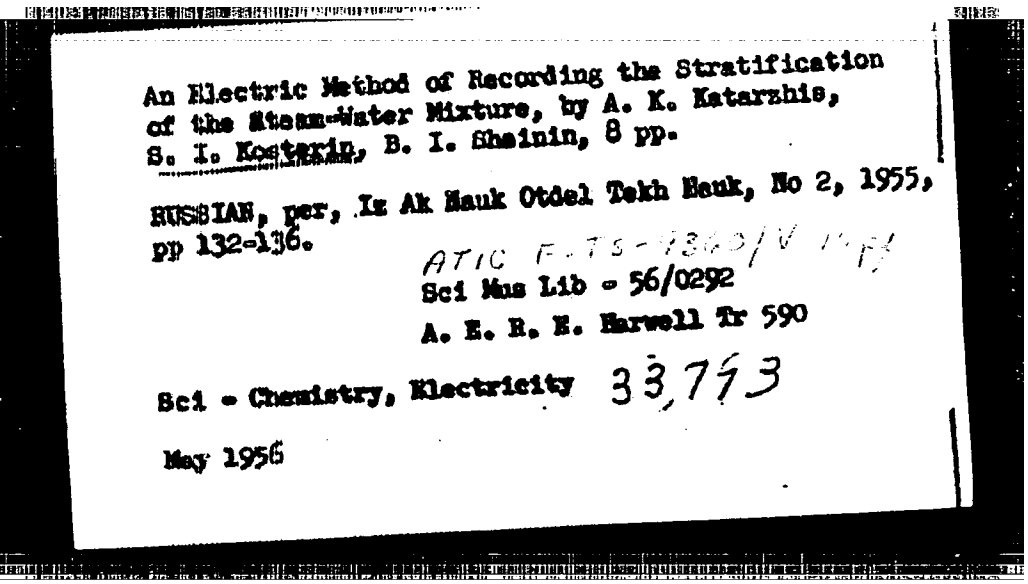

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Order from OTS or SLA $1.60 61-18153

Trans. of Akademiya Nauk SSSR. Otdelenie Tekhnicheskikh Nauk. Izvestiya, 1943, no. 11/12, p. 37-49.

DESCRIPTORS: *Boilers, *Heat exchangers, Fluid flow, Gas flow, Analysis.

In flow of a gas-liquid mixture in horizontal pipes the friction factor is a variable value depending upon the concentration of the gaseous phase, the Reynolds number calculated for the liquid, the diameter of the pipe and the roughness of its surface, the pressure when the Reynolds number is small and the pulsations (Mechanics--Hydrodynamics, TT, v. 6 no. 6) (over)

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Order from SLA mi$1.80, ph$1.80 60-18959

Trans. of unidentified German mono.

(Unannounced)

60-18959

1. Light--Measurement
2. Title: Interference comparator
I. Kösters, W.

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T.I.L. T-4710

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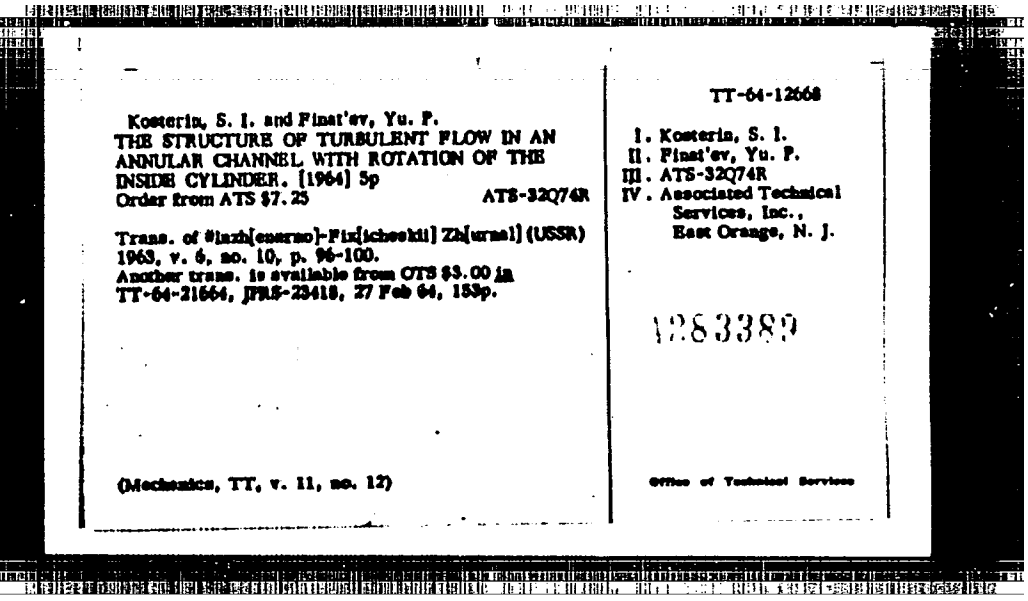

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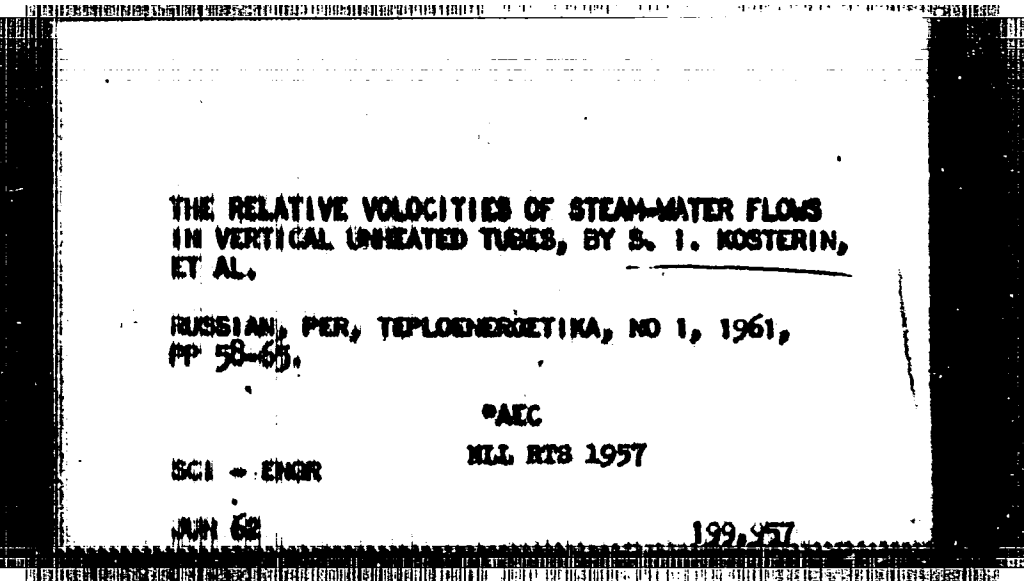

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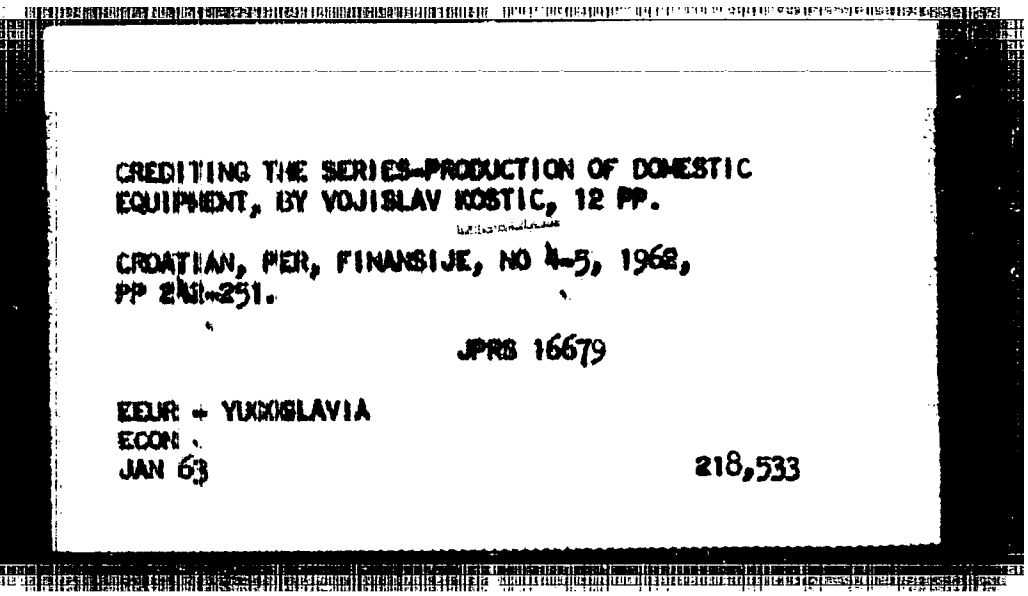

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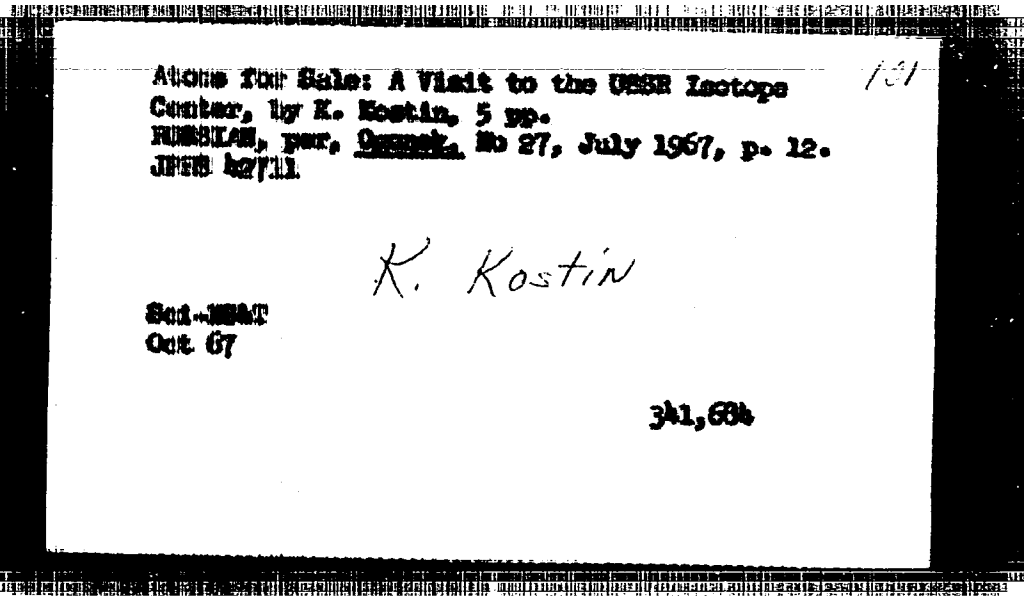

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